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**Box Patent Application**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

New U.S. Patent Application

Title: METHOD FOR ACCELERATING CRYPTOGRAPHIC  
OPERATIONS ON ELLIPTIC CURVES

being a Continuation-In-Part of U.S. Serial No. 09/885,959 filed June 22, 2001.

|                              |                                   |
|------------------------------|-----------------------------------|
| Inventors: 1) Robert GALLANT | Addresses: 1) Mississauga, Canada |
| 2) Robert LAMBERT            | 2) Cambridge, Canada              |
| 3) Scott A. VANSTONE         | 3) Campbellville, Canada          |

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office as a Continuation-In-Part of U.S. Serial No. 09/885,959, filed June 22, 2001, which is a continuation of International Application No. PCT/CA99/01222, filed December 23, 1999, and which claimed priority of Canadian Application No. 2,257,008 filed December 24, 1998. A certified copy of the priority application is on file in the prior application.

1. Application - 23 pages, including 3 independent claims and 25 claims total.
2. Drawings - 3 sheets of formal drawings containing 3 figures.
3. The filing fee is calculated as follows:

11051 U.S. PTO  
08/17/01

ATLANTA  
404 • 653 • 6400  
PALO ALTO  
650 • 849 • 6600

10978 U.S. PTO  
09/931013  
08/17/01

TOKYO  
011 • 813 • 3431 • 6943  
BRUSSELS  
011 • 322 • 646 • 0353

FOR FILING

|  |                  |   |       |              |        |            |
|--|------------------|---|-------|--------------|--------|------------|
| Basic Application Filing Fee                 |                  |   |       |              | \$710  | \$ 710.00  |
|  | Number of Claims |   | Basic | Extra Claims |        |            |
| Total Claims                                 | 25               | - | 20    | 5            | x \$18 | 90.00      |
| Independent Claims                           | 3                | - | 3     |              | x \$80 |            |
| [ X ] Presentation of Multiple Dep. Claim(s) |                  |   |       |              | +\$270 | 270.00     |
| Subtotal                                     |                  |   |       |              |        | \$ 1070.0  |
| Reduction by 1/2 if small entity             |                  |   |       |              |        | -          |
| TOTAL APPLICATION FILING FEE                 |                  |   |       |              |        | \$ 1070.00 |

4. A check for \$1070.00 is enclosed. The fee includes:

\$710.00 filing fee;  
\$90.00 additional claims fee; and  
\$270.00 Multiple Dep. Claims

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).  
Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Applicants claim the right to priority based on Canadian Application No. 2,257,008, filed December 24, 1998.

Please address all correspondence with respect to this application to:

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Please accord this application a serial number and filing date.

10/2/99 "E" FOR ESO

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